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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
Date Submitted: February 28, 2005 <i>(use as many sheets as necessary)</i>			
Sheet	1	of	1
		Application Number	10/718,266
		Filing Date	11/21/2003
		First Named Inventor	Andre Jestin
		Group Art Unit	1648
		Examiner Name	Ali Reza Salimi
		Attorney Docket Number	042049-0107

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

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First Named Inventor	André JESTIN
Group Art Unit	1648
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Attorney Docket Number	042049-0107

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AS	B1.	6,497,883		Michel et al.	12-24-2002	
	B2.	6,517,843		Albert et al.	02-11-2003	
	B3.	6,143,334		Gordon et al.	11-07-2000	
	B4.	2002/0177216		Phillip et al.	11-28-2002	
	B5.	2002/0106639		Wang et al.	08-08-2002	
↓	B6.	2002/0055189		Bernhardt et al.	05-09-2002	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
AS	B7.	FR 2 422 956	/	/	Institut Pasteur	11-09-1979		
	B8.	FR 2 518 755	/	/	Institut Pasteur	06-24-1983		
	B9.	WO 90/11092	/	/	Vical, Inc.	10-04-1990		
	B10.	WO 94/27238	/	/	MDS Health Group Ltd.	11-24-1994		
	B11.	WO 95/11307	/	/	Institut Pasteur	04-27-1995		
	B12.	WO 00/77188	/	/	Merial	12-21-2000		
	B13.	DE 10044648	/	/	Aventis Behring GmbH	03-21-2002		
	B14.	WO 01/96377	/	/	Purdue Research Foundation	12-20-2001		
↓	B15.	WO 02/102999	/	/	Univ. Melbourne	12-27-2002		

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AS	B16.	Allan, G.M. et al., 1995, Vet. Microbiol., 44: 49-64.	
	B17.	Barany, F., 1991, PNAS. USA, 88: 189-193.	
↓	B18.	Liu et al., 1997, J. Gen. Virol., 78 (Pt 6), 1265-1270.	

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	B20.	Burg, J.L. et al., 1996, Mol. and Cell. Probes, 10: 257-271.		
	B21.	Chu, B.C.F. et al., 1986, NAR, 14: 5591-5603.		
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	B23.	Clark, E.G., 1997, American Association of Swine Practitioners, 499-501.		
	B24.	Daft, B. et al., 1996, American Association of Veterinary Laboratory Diagnosticians, 32.		
	B25.	Derse, D. et al., 1995, J. Virol., 69(3): 1907-1912.		
	B26.	Duck, P. et al., 1990, Biotechniques, 9: 142-147.		
	B27.	Dulac, G.C. et al., 1989, Can. J. Vet. Res., 53: 431-433.		
	B28.	Edwards, C.P., and Aruffo, A., 1993, Current applications of COS cell based transient expression systems. Curr. Op. Biotechnology 4: 558-563.		
	B29.	Edwards, S. et al., 1994, Vet. Rec., 134: 680-681.		
	B30.	Erich, H.A., 1989, In PCR Technology. Principles and Applications for DNA Amplification. New York: Stockton Press.		
	B31.	Felgner, et al., 1987, Proc. Natl. Acad. Sci., 84: 7413-7417.		
↓	B32.	Fontes, E.P.B. et al., 1994, J. Biol. Chem., Vol. 269, No. 11: 8459-8465.		

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A)	B33.	Fraley et al., 1980, J. Biol. Chem., 255: 10431-10435.		
	B34.	Guateli, J.C. et al., 1990, Proc. Nat'l Acad. Sci., USA, 87: 1874-1878.		
	B35.	Hackland, A.F. et al., 1994, Arch. Virol., 139: 1-22.		
	B36.	Hanson, S.F. et al., 1995, Virology, 211: 1-9.		
	B37.	Harding, J.C., 1997, American Association of Swine Practitioners, 503.		
	B38.	Harding, R.M. et al., 1993, Journal of General Virology, 74: 323-328.		
	B39.	Harding, J.C. and Clark, E.G., 1997, Swine Health and Production, Vol. 5, No. 5: 201-203.		
	B40.	Heyraud-Nitschke, F. et al., 1995, Nucleic Acids Research, Vol. 23, No. 6: 910-916.		
	B41.	Horner, G.W., 1991, Surveillance 18(5): 23.		
	B42.	Müller, 1974, in Methode der Organischen Chemie, E. Wunsch Ed., Volume 15-I and 15-II, Thieme, Stuttgart.		
	B43.	Huygen, K. et al., 1996, Nature Medicine, 2(8): 893-898.		
	B44.	Innis, M.A. et al., 1990, in PCR Protocols. A guide to Methods and Applications, San Diego, Academic Press.		
	B45.	Kaneda, et al., 1989, Science, 243: 375-378.		
✓	B46.	Kievitis, T. et al., 1991, J. Virol. Methods, 35: 273-286.		

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	B48.	Kwoh, D.Y. et al., 1989, Proc. Nat'l Acad. Sci., USA, 86: 1173-1177.		
	B49.	Ladany, S. et al., 1989, J. Clin. Microbiol. 27: 2778-2783.		
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	B52.	Matthews, J.A. et al., 1988, Anal. Biochem., 169: 1-25.		
	B53.	McNeilly, F. et al., 1996, Vet. Immunol. Immunopathol., 49: 295-306.		
	B54.	Marglin, A. and Merrifield, R.B., 1966, J. Am. Chem. Soc., 88(21): 5051-5052.		
	B55.	Midoux, 1993, Nucleic Acids Research, 21: 871-878.		
	B56.	Miele, E.A. et al., 1983, J. Mol. Biol., 171: 281-295.		
	B57.	Virus Taxonomy, Murphy, F.A. et al., Ed. 1995, Sixth Report of the International Committee on Taxonomy of Viruses, Springer-Verlag Wien New York.		
	B58.	Nayar, G.P. et al., 1997, Can. Vet. J. 38(6): 385-386.		
	B59.	Olins, P.O., and Lee, S.C., 1993, Curr. Op. Biotechnol. 4: 520-525.		
	B60.	Pagano et al., 1967, J. Virol., 1: 891-897.		
	B61.	Rolfs, A. et al., "Usage of Polymerase Chain Reaction in Genetic and Infectious Disease" in PCR Topics, 1991, Springer-Verlag, Berlin.		

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	B63.	Sanchez-Pescador, R., 1988, J. Clin. Microbiol., 26(10): 1934-1938.	
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	B66.	Tascon, R.E. et al., 1996, Nature Medicine, 2(8): 888-892.	
	B67.	Tischer, I. et al., 1982, Nature, 295: 64-66.	
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	B71.	Walker, G.T. et al., 1992, Nucleic Acids Res. 20: 1691-1696.	
	B72.	Walker, G.T. et al., 1992, Proc. Nat'l Acad. Sci., USA, 89: 392-396.	
	B73.	White, B.A. et al. Eds, "PCR Cloning Protocol" in Methods in Molecular Biology, 67, Humana Press, Towota, 1997.	
	B74.	Zhao, T.M. et al., 1996, Proc. Natl. Acad. Sci., USA 93(13): 6653-6648.	
✓	B75.	Pearson, William R. et al., 1988, "Improved Tools for Biological Sequence Comparison", Proc. Nat'l Acad. Sci., USA, 85: 2444-2448	

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AJ	B76.	Kasahara, Noriyuki et al., 1994, "Tissue-Specific Targeting of Retroviral Vectors Through Ligan-Receptor Interactions", Science, 266: 1373-1376	
	B77.	Young, John A. T. et al., "Efficient Incorporation of Human CD4 Protein into Avian Leukosis Virus Particles", Reports, 1421-1423	
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	B79.	Smith, Temple F. et al., 1981, "Comparison of Biosequences", Advances in Applied Mathematics, 2: 482-489	
	B80.	Valsesia-Whittmann, Sandrine et al., 1996, "Improvement of Retroviral Retargeting by Using Amino Acid Spacers between an Additional Binding Domain and the N Terminus of Moloney Murine Leukemia Virus SU", J. Virol., 70(3): 2059-2064	
	B81.	Neddeleman, Saul B. et al., 1970, "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins", J. Mol. Biol., 48(3): 443-453	
	B82.	Cosset, Francois-Loic et al., 1995, "Retroviral Retargeting by Envelopes Expressing an N-Terminal Binding Domain", J. Virol., 69:6314-6322	
	B83.	Blanchard et al., 2003, "An ORF2 Protein-Based ELISA for Porcine Circovirus Type 2 Antibodies in Post-Weaning Multisystemic Wasting Syndrome", Veterinary Microbiology, 94: 183-184	
	B84.	Rose, N. et al., 2002, "Risk Factors for Porcine Post-Weaning Multisystemic Wasting Syndrome (PMWS) in 149 French Farrow-to-Finish Herds", Preventive Veterinary Microbiology, 61: 209-225	
	B85.	Blanchard et al., 2003, "Protection of Swine Against Post-Weaning Multisystemic Wasting Syndrome (PMWS) by Porcine Circovirus Type 2 (PCV2) Proteins", Vaccine 21: 4565-4575	
	B86.	Derwent Abstract of French Patent Appl. No. 2422956	
	B87.	Derwent Abstract of French Patent Appl. No. 2518755	
↓	B88.	Derwent Abstract of German Patent Appl. No. 10044648	

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Sheet	1	of	2	Application Number	Unassigned
				Filing Date	11/21/2003
				First Named Inventor	Andre JESTIN
				Group Art Unit	1648
				Examiner Name	Unassigned
				Attorney Docket Number	065691-0342

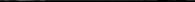
## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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✓	60/069,750		WANG ET AL.	12/16/1997		

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
A)		Brian M. Meehan et al., "Sequence of porcine circovirus DNA: affinities with plant circoviruses.", Journal of General Virology, vol. 78, No. 1, pp. 221-227, January 1997, XP-002068398	
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Examiner Signature		Date Considered	4/13/2005
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: November 21, 2003 (use as many sheets as necessary)				<b>Complete If Known</b>	
Sheet	2	of	2	Application Number	Unassigned
				Filing Date	11/21/2003
				First Named Inventor	Andre JESTIN
				Group Art Unit	1648
				Examiner Name	Unassigned
				Attorney Docket Number	065691-0342

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AS		John Ellis et al., "Isolation of circovirus from lesions of pigs with postweaning multisystemic wasting syndrome.", Canadian Veterinary Journal, vol. 39, pp. 44-51, January 1998, XP-002068502				
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